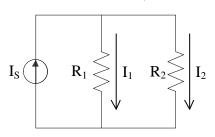
Instructions

- Separate into groups of no more than three persons.
- Only one submission is needed for each group. Late submission will not be accepted.
- iii. Write down all the steps that you have done to obtain your answers. You may not get full credit even when your answer is correct without showing how you get your answer.

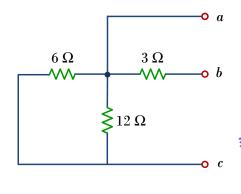
Name	ID
Prapon	
•	

- iv. Do not panic.
- 1. Find I_1 when $I_S = 10$ A, $R_1 = 3$ k Ω and $R_2 = 2$ k Ω .

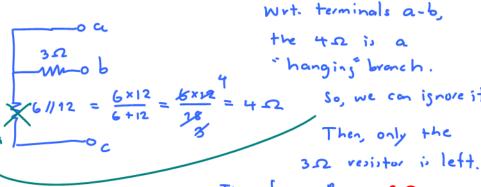


$$I_1 = \frac{1}{\frac{1}{R_1}} I_s = \frac{R_2}{R_1 + R_2} I_s = \frac{2k}{3k + 2k} \times 10 = \frac{2}{5} \times 10 = 4 \text{ A}$$

2. Consider the circuit below.



a. Find the equivalent resistance with respect to terminals a-b

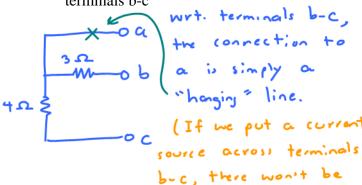


Therefore Reg = 3. ..

Then, only the

b. Find the equivalent resistance with respect to terminals b-c

> any current going up to "a" because there



c. Find the equivalent resistance with respect to

